

### **ABSTRACT OF THE DISCLOSURE**

An optical switching station comprises a first plurality of input channels for through data traffic, a second plurality of output channels for through data traffic, at least one first optical switching matrix comprising a first group of input connectors connected to the input channels on the switching station and a first group of output connectors connected to the output channels on the switching station, for connecting the input channels and the output channels to each other, and a group of one or more signal shaping units, each of a second group of output connectors being connected with an input of a signal shaping unit belonging to the group and each of a second group of input connectors being connected with an output from one of the signal shaping units.